Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_ Block:\_\_\_\_\_\_\_\_ **Warm-Up #2**

1. Identify each as either a substance or mixture. If a substance, determine the type.

Key: = carbon = oxygen = nitrogen

Flask 1 Flask 2 Flask 3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The contents of Flask 1 were combined with that of Flask 2. Flask 3 represents the result of this combination. Is this change physical or chemical? Explain your reasoning.
2. Using question 1 as a guide/example, draw an element, a compound, and a mixture.

**Element Compound Mixture**

1. Write the name & symbol for the element located in group 17 and period 2? What is the name of this family to which this element belongs?

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